

SMP_Kissimmee 4/27

Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: SE-DIST

Requester: Jordan Skaggs

Field Report Prepared By: A. Hurley

Project ID: SMP

Collected By: Rachel Brewster & Ashley Hurley

Sampling Agency: FDEP-SE ROC

Locat Kissimmee River 550M downstream of S-65A 3187D 27.654808, -81.132806 Field A kit Date: 4/27/16 Time: 1130 STOF Latitude ☐ dd ☐ dms Longitude ☐ dd ☐ dms Location Kissimmee River 825M downstream of S-65A 3187D 27.652350, -81.133319 A kit Date: 4/27/16 Time: 1145 Fi Latitude ☐ dd ☐ dms Location Kissimmee River 1100M downstream of S-65A 3187D 27.649931, -81.134078 A kit Date: 4/27/16 Time: 1155 STC Latitude ☐ dd ☐ dms Location Oak Creek @SR68 3192C 27.4499580, -81.1285730 A kit Date: 4/27/16 Time: 1440 Field ID STORET G4SE0081 G4SE0082 G4SE0083 G4SE0080	☐ Comp ☒ Grab Collection (comp begin or grab) Date 4/27/16 Time 1130 Matrix (type, e.g., Salt, Fresh, etc) Temp (C) 26.0 pH 6.6 Sample Depth 0.3 Salinity (ppt) 0.1 Comments Eastern Central Composite end Date Time Diss. Oxygen mg/L 6.6 Total Res. Chlorine (mg/L) Sp. Conductance (umho/cm) 155 Bottle Group(s) A
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Relinquished By: A. Hurley	Date/Time: 4/27/16 1630	Shipping Method: Fed EX	Number of Coolers Shipped: 2	Received By: (Signature)	Date/Time: 4-28-16 10:25
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Group: A

Bottle Type:

of Bottles: 0

Preservative:

Enter Number of Bottles Sent to Lab

ALKALINITY
ALKALINITY
BOD-UNIN
CHLSUITE-W
CHLSUITE-W
TURBIDITY
TURBIDITY
W-CL-IC
W-CL-IC
W-COLOR
W-COLOR
W-F
W-F
W-ICP
W-ICPMS
W-NH3
W-NH3
W-NO2NO3
W-NO2NO3
W-PO4-F
W-PO4-F
W-S-A-TP
W-S-A-TP
W-SO4-IC
W-TDS
W-TDS
W-TKN
W-TKN
W-TOC
W-TOC
W-TSS
W-TSS

Date of Request: 21-APR-2016
 Created By: SKAGGS_J On: 21-APR-2016
 Modified By: SWANSON_C On: 26-APR-2016
 Customer: SE-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Southeast District
 Sampling Event: SMP_Kissimmee 4/27

Send Coolers To:

Phone: (772) 579-3039
 FL Dept. of Environmental Protection
 2199 South Rock Road
 Fort Pierce, FL 34945
 Attn: Jordan Skaggs

Program Module Number: 1306
 Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 25-APR-2016
 Biology Request Reviewed By: SWANSON_C On: 26-APR-2016
 Sampling Kit Required: NO Ship on:
 Sampling Kit Shipped:
 Sampling Kit Packed By:
 Preservatives Needed: NO
 Date to Receive Samples: 28-APR-2016
 Received By: SHAIK_A On: 28-APR-2016

Send Final Report To:

FL Dept. of Environmental Protection
 2199 South Rock Road
 Fort Pierce, FL 34945
 Attn: Jordan Skaggs

Report Type: Final Only
 FTP Data: NO
 QC Report: YES
 Date Log: NO
 Authorization Log: NO

Comments:**Bottle Group A (Water) With 4 Samples:**

Bottle Type: P-1L	Number of Bottles: 4	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO ₃ /L
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
W-CL-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Chloride in aqueous matrices
W-COLOR	Template: DEFAULT	(SM 2120 B) True Color measured at 450 nm
Color (true)		
W-F	Template: DEFAULT	(SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-SO ₄ -IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices
W-TDS	Template: DEFAULT	(SM 2540 C-97) Total Dissolved Solids in aqueous matrices
W-TSS	Template: DEFAULT	(SM 2540 D-97) Total Suspended Solids in aqueous matrices
Bottle Type: BP-1L	Number of Bottles: 4	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, phaeophytin and ratio by spectrophotometry
Bottle Type: P-500ML	Number of Bottles: 4	Preserved With: ICE And H ₂ SO ₄
W-NH ₃	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
W-NO ₂ NO ₃	Template: DEFAULT	(EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L
W-S-A-TP	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L
W-TKN	Template: DEFAULT	(EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices
W-TOC	Template: DEFAULT	(SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices
Bottle Type: P-125ML	Number of Bottles: 4	Preserved With: ICE-FLTR
W-PO ₄ -F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Bottle Group B (Water) With 2 Samples:

Bottle Type: P-125ML	Number of Bottles: 2	Preserved With: ICE-FLTR
W-PO ₄ -F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L
Bottle Type: P-1L	Number of Bottles: 2	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO ₃ /L
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
W-CL-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Chloride in aqueous matrices

Bottle Group B (Water) With 2 Samples:

Bottle Type: P-1L	Number of Bottles: 2	Preserved With: ICE
W-COLOR	Template: DEFAULT	(SM 2120 B) True Color measured at 450 nm
Color (true)		
W-F	Template: DEFAULT	(SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-TDS	Template: DEFAULT	(SM 2540 C-97) Total Dissolved Solids in aqueous matrices
W-TSS	Template: DEFAULT	(SM 2540 D-97) Total Suspended Solids in aqueous matrices
Bottle Type: P-1L	Number of Bottles: 2	Preserved With: ICE
BOD-UNIN	Template: DEFAULT	(SM 5210 B) BOD, NOT nitrogen-inhibited
Bottle Type: BP-1L	Number of Bottles: 2	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, phaeophytin and ratio by spectrophotometry
Bottle Type: P-500ML	Number of Bottles: 2	Preserved With: HNO3
W-ICP	Template:	(EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects
Calcium		
Iron		
Magnesium		
Nickel		
Potassium		
Sodium		
Zinc		
W-ICPMS	Template: PRTY	(EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects
Arsenic		
Cadmium		
Chromium		
Copper		
Lead		
Silver		
Bottle Type: P-500ML	Number of Bottles: 2	Preserved With: ICE And H2SO4
W-NH3	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
W-NO2NO3	Template: DEFAULT	(EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L
W-S-A-TP	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L
W-TKN	Template: DEFAULT	(EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices
W-TOC	Template: DEFAULT	(SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices

RQ- 2016-04-25-71

Log-in Checklist

Shipping Method: FE2 ExpDate/Time of Receipt: 04-28-16/1025

Cooler ID	Cooler Temperature*	No. Sample Containers in Cooler	Evidence Tape				Tracking # (fill out only if waybill copy is damaged)
			Present?		*Intact?		
			Yes	No	Yes	No	
BLUE	2.7C	4		/			8097 3409 8410
Red	1.8C	12		/			7829 3409 8410

*If the temperature of a cooler is above 6.0 °C (or above 10.0 °C for W-1-4-DIOX), or if Evidence Seal is damaged, identify the containers in the affected cooler(s) on back of this form.

****Note:** If "No" is checked in any of the fields below, fill out the back of this form with additional details (Field ID, Test IDs, etc.) and generate an NCR.

****Chain Of Custody/ Field Sheet(s) Included?** Yes ✓ No

CONTAINER CHECK

****Evidence Tape on Bottles?** Yes No ✓ If yes, is it intact? Yes No

****Caps on tight?** Yes ✓ No ****Containers intact?** Yes ✓ No

****Sufficient Sample Volume:** Yes ✓ No

CHLORINE CHECK (Blue dot on container)

Check the Box marked "Yes" or "No" for the Presence of Chlorine. If Cl detected, an NCR is required.					
Analysis	Yes	No	Analysis	Yes	No
W-1,4 DIOX			W-PC-AA-SF		
W-AHERB-AA (-AHB-AA-R)			W-PCL-SQ (-R)		
W-BNA (-625, -R)			W-PDQUAT		
W-CARB-AA (-CAB-AA-R)			W-PESTNP-R		
W-ENDO-AA			W-PSCL-TQ		
W-GLYPH			W-PSNP-TQ		
W-NP-AA-SF			W-PST-CL-R		
W-PAH (-R)			W-TR-TQ		
W-PCB-R					

PRESERVATION CHECK (EXCLUDING SAMPLES SENT TO OVERFLOW LABS, "OV-")

****Acid Preserved Samples:** pH ≤ 2.0? Yes ✓ No NA Init:

****W-1-4-DIOX (Green dot on container) preserved to pH < 4.0?** Yes No NA ✓ Init:

Coolers Unpacked/Checked by: AJP Date: 4-28-16 NCRs (Y/N)?

Event ID: SMP Kissimmee 4/27 NCR #

SE-DIST-2016-04-28-01 (SMP)

Date Received: 28-APR-2016 10:25

Log-in Checklist

Samples with Incorrect pH Preservation or presence of Chlorine

Field ID	Bottle Test ID(s)	pH / Cl	Action Taken

Samples in Coolers with Incorrect Preservation or Damaged Evidence Tape

Cooler ID	Field ID	Bottle Test ID(s)

Bottles Not Intact

Field ID	Bottle Test ID(s)	Loose Cap	Damaged Cap		Damaged Container		Evidence Tape Not Intact
			CK	BR	CK	BR	

Samples with Insufficient Volume for Analyses

Field ID	Bottle Test ID(s)	Action Taken

ENCORE SAMPLES

S-VOC-MS samples in Encores must be frozen within 48 hours of collection.

Were Encore samples received? Yes _____ No _____

Date and Time Placed in Freezer _____

Were all samples placed in freezer within 48 hours of collection? Yes _____ No _____

If no, were samples shipped on dry ice? Yes _____ No _____

FOR CLEAN LAB USE ONLY – Methyl Mercury Preservation Check:

Samples Preserved within 48 hours? Yes _____ No _____

Date and time samples preserved: _____

Additional Comments: